

10/591242

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE THE DEPOSIT FEE  
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FEE FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Tadamasa TOMA et al.

: **Mail Stop: PCT**

Serial No. NEW

: Attorney Docket No. 2006\_1268A

Filed August 31, 2006

MULTIPLEXING APPARATUS AND  
DEMULITPLEXING APPARATUS  
[Corresponding to PCT/JP2005/010453  
Filed June 1, 2005]

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- each U.S. Patent and U.S. Patent application publication;
- each reference previously cited in the international application PCT/\_\_\_\_\_; and/or
- each reference previously cited in prior parent application Serial No. \_\_\_\_\_.

1a.  This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

1b.  This Information Disclosure Statement is submitted  
after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:  
(1)  the certification of paragraph 2 below is provided, **or**  
(2)  the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c.  This Information Disclosure Statement is submitted:  
after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:  
**the certification of paragraph 2 below is provided, and**  
**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a.  that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b.  that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3.  Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
  - a.  a full or partial English language translation submitted herewith,
  - b.  the International Search Report (in the English language) submitted herewith,
  - c.  the concise explanation contained in the specification of the present application at page 7,
  - d.  the concise explanation set forth in the attached English language abstract,
  - e.  the concise explanation set forth below or on a separate sheet attached to the reference:

JP 2003-018549 corresponds to U.S. 2002/0146239.

5.  A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Tadamasa TOMA et al.

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August 31, 2006

FORM PTO 1449 (modified)			ATTY DOCKET NO. 2006_1268A	SERIAL NO. NEW 10/591242			
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			APPLICANT Tadamasa TOMA et al.				
			FILING DATE August 31, 2006	GROUP			
Date Submitted to PTO: August 31, 2006							
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/GP/	AA	2002/0146239	10/2002	Hamasaka et al.			
	AB	6,049,569	4/2000	Radha et al.			
	AC	2003/0206596	11/2003	Carver et al.			
	AD	6,252,873	6/2001	Vines			
	AE	2002/0041628	4/2002	Andersson et al.			
/GP/	AF	2004/0076402	4/2004	Jung et al.			
	AQ						
	AH						
	AM						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
/GP/	AJ	2003-018549	1/2003	JP			Abstract
	AK						
	AL						
	AM						
	AN						
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
/GP/	AO	W. O'GRADY et al., "Real-Time switching of MPEG-2 bitstreams", BROADCASTING CONVENTION, 1997, IBS 97, INTERNATIONAL (CONF. PUBL. 447) AMSTERDAM, NETHERLANDS, Sept. 12-16, 1997, London, UK, IEE, UK, September 12, 1997 (9-12-1997), pp. 166-170, XP006508751					
/GP/	AP	C. H. BIRCH, "MPEG splicing and bandwidth management," BROADCASTING CONVENTION, 1997, IBS 97, INTERNATIONAL (CONF. PUBL. 447) AMSTERDAM, NETHERLANDS, Sept. 12-16, 1997, London, UK, IEE, UK, September 12, 1997 (9-12-1997), pp. 541-546, XP006508813					
	AQ						
EXAMINER	/Gims Philippe/			DATE CONSIDERED		12/05/2008	